



106 Stereo Preamplifier

Date of manufacture : Dec 92 - Dec 96

Please note that this document contains the text from the original product brochure, and some technical statements may now be out of date



Built upon the successful design of the NAD 1000, the NAD 106 offers 2 dramatic step up in sound quality. Metal film resistors, a larger mains transformer, improved capacitors and volume control, together with a redesigned PCB and phone pre-amp circuit all contribute to noise and distortion-free performance. Gold plated RCA inputs improve signal transfer and XLR connectors ensure optimum linkage to the power amplifier stage. Six audio/video inputs and three outputs permit a wide range of system set-ups in domestic and studio environments.

PRE-AMP SECTION

Phono input

| | | |
|---|----|--------------------------------------|
| Input impedance (<i>R and C</i>) | | 47k Ω / 200pF |
| Input sensitivity, 1kHz | MM | 1.25mV ref. 0.5V |
| | MC | 0.08mV |
| Input overload at 20Hz / 1kHz / 20kHz | | 20 / 200 / 1700mV |
| Signal/Noise ratio (<i>A-weighted with cartridge connected</i>) | MM | 76dB ref. 5mV |
| | MC | 76dB ref. 0.5mV |
| THD (<i>20Hz - 20kHz</i>) | | <0.2% |
| RIAA response accuracy | MM | ± 0.2 dB (<i>20Hz - 20kHz</i>) |
| | MC | ± 0.2 dB (<i>50Hz - 20kHz</i>) |

Line level inputs

| | |
|---|----------------------|
| Input impedance (<i>R and C</i>) | 20k Ω / 450pF |
| Input sensitivity ref. 0.5V | 80mV |
| Maximum input signal | >10V |
| Signal/Noise ratio (<i>A-weighted ref 0.5V</i>) | 98dB |
| Frequency response | ± 0.2 dB |
| THD | 0.01% |

Line level outputs

| | | |
|----------------------|---------|---|
| Output impedance | Pre-amp | 220 Ω |
| | Tape | Source Z + 2k Ω |
| | Phones | 120 Ω |
| Maximum output level | Pre-amp | >12V |
| | Tape | >10V |
| | Phones | >8V into 600 Ω >250mV into 8 Ω |

Tone controls

| | |
|--------|---------------------|
| Treble | ± 7 dB at 10kHz |
| Bass | ± 10 dB at 50Hz |

| | |
|----------|----|
| Remote | No |
| NAD Link | No |

PHYSICAL SPECIFICATIONS

| | |
|---|------------------|
| Dimensions (W x H x D) | 435 x 81 x 263mm |
| Net weight | 3.7kg |
| Shipping weight | 4.4kg |
| Power consumption (120 ~ 240V, 50/60Hz) | 20W |

Dimensions are of unit's cabinet without attached feet; add up to 18mm for total height.

Dimension depth excludes terminals, sockets, controls and buttons.